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PTO/SB/05 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	678-1190
First Inventor	Dempsey
Title	Vector Difference Measures for Data Classifiers
Express Mail Label No.	EL 761 852 765 US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
1.	<input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	7.	<input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2.	<input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>	8.	Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3.	<input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 32]</span> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>	a.	<input type="checkbox"/> Computer Readable Form (CRF)
4.	<input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> <span style="float: right;">[Total Sheets 9]</span>	b.	<input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul>
5.	Oath or Declaration <span style="float: right;">[Total Pages 4]</span>	c.	<input type="checkbox"/> Statements verifying identity of above copies
a.	<input type="checkbox"/> Newly executed (original or copy)	9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))
b.	<input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <span style="float: right;"><input type="checkbox"/> Power of Attorney</span> <i>(when there is an assignee)</i>
i.	<input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>	11.	<input type="checkbox"/> English Translation Document <i>(if applicable)</i>
6.	<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <span style="float: right;"><input type="checkbox"/> Copies of IDS Citations</span>
18.	If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:		
	<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____ / _____		
Prior application information: Examiner _____		Group / Art Unit _____	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below  (Insert Customer No. or Attach bar code label here)			
Name	William M. Lee, Jr.				
Lee, Mann, Smith, McWilliams, Sweeney & Ohlson					
Address	P.O. Box 2786				
City	Chicago	State	Illinois	Zip Code	60690-2786
Country	U.S.A.	Telephone	(312) 368-1300		Fax (312) 368-0034

Name (Print/Type)	William M. Lee, Jr.	Registration No. (Attorney/Agent)	26,935
Signature			Date January 31, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$1,274.00

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Dempsey
Examiner Name	
Group Art Unit	
Attorney Docket No.	678-1190

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **12-0913**

Deposit Account Name **Lee, Mann, Smith, McWilliams,...**

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR § 1.27

2.  Payment Enclosed:
 Check    Credit card    Money Order    Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	<b>710.00</b>
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>\$710.00</b>			

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
38	-20** = 18	X 18.00	= 324.00
Independent Claims	6 - 3** = 3	X 80.00	= 240.00
Multiple Dependent			
<b>SUBTOTAL (2)</b>		<b>\$564.00</b>	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description		
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>\$564.00</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

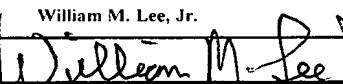
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non - English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR § 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \_\_\_\_\_

## SUBMITTED BY

Name (Print/Type)	William M. Lee, Jr.	Registration No. (Attorney/Agent)	26,935	Telephone	(312) 368-1300
Signature		Date	January 31, 2001		

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**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

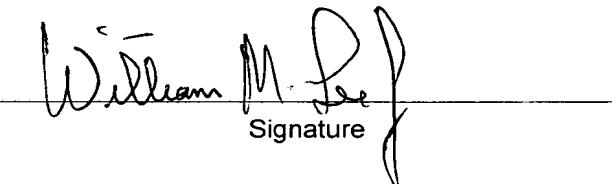
First Named Inventor		Dempsey
Title	Vector Difference Measures for Data Classifiers	
Atty Docket Number	678-1190	



I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 31, 2001

Date



Signature

William M. Lee, Jr.

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please acknowledge  
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enclosed:

Dempsey  
Serial No. Not yet assigned  
Filed:

JCG18 U.S. PTO  
09/7/31/15  
01/31/01



Title: Vector Difference Measures for Data  
Classifiers

1. Utility Patent Application Transmittal
2. Fee Transmittal (in duplicate)
3. 32 pages of specifications
4. 9 sheets of drawings
5. Check No. \_\_\_\_\_ for \$1,274.00
6. Declaration and Power of Attorney (unsigned)
7. Certificate of Express Mail
8. Return Postcard
9. Request and Certification

DUE DATE (If Any): N/A

DATE SENT: January 31, 2001

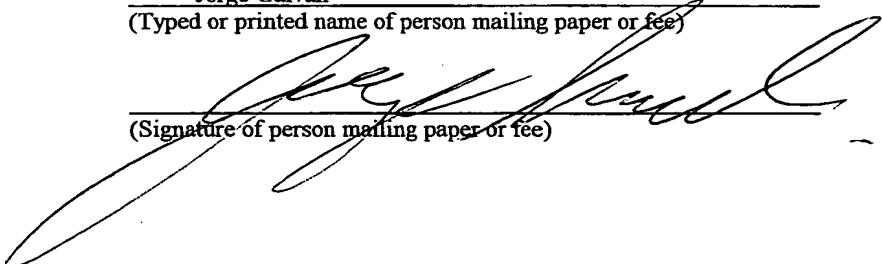
"Express Mail" mailing label number

EL 761 852 765 US

Date of deposit: January 31, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Jorge Galvan  
(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)